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FORM PTO-1449

Page 1 of 3 APPLICATION NO. 09/476,093 ATTY. DOCKET NO. 1744.0260001 INVENTORS

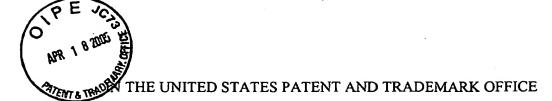
		H SUPPLEMENTAL		INVENTORS SORRELLS et al.			
INFO	RMATION	I DISCLOSURE STATEN	MENT	FILING DATE January 3, 2000	ART 2685		
			U.S. PAT	ENT DOCUMENTS	1 2003		
EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	АВ						
	AC						
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ac.	AF63	6,813,485 B2	11/2004	Sorrells et al.			
۵.۵,	AG63	5,410,270	04/1995	Rybicki et al.			
<u>50.</u>	AH63	6,509,777 B2	01/2003	Razavi et al.			
CC.	Al63	5,982,329	11/1999	Pittman et al.			
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			 -	U.S. PAT		DOCUMENTS		2685		· · · · · · · · · · · · · · · · · · ·
EXAMINER INITIAL	DOC. REF.	DOCUMENT NUME	BER	DATE		AME	_	CLASS	SUB-CLASS	FILING DATE
C.C.	AA64	6,208,636 B1		03/2001	Ta	awil et al.				
CL.	AB64	3,614,630		10/1971	R	orden				
C.C.	AC64	6,836,650 B2		12/2004	Se	oπells <i>et al</i> .				
C.C.	AD64	5,844,868		12/1998	Ta	akahashi <i>et al</i> .				
C.C.	AE64	6,385,439 B1		05/2002	н	allberg				
C.C.	AF64	6,741,139 B2	,	05/2004	PI	easant et al.				
C.C.	AG64	6,823,178 B2		11/2004	PI	easant et al.				
0.0,	AH64	6,850,742 B2		02/2005	Fa	iyyaz				
C.C.	Al64	6,853,690 B1	-	02/2005	Sc	orrells et al.		~		
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APR 1 8 2005

Page 3 of 3 APPLICATION NO. ATTY. DOCKET NO. **FORM PTO-1449** 1744.0260001 09/476,093 **INVENTORS** SIXTH SUPPLEMENTAL SORRELLS et al. INFORMATION DISCLOSURE STATEMENT **ART UNIT** FILING DATE January 3, 2000 2685 U.S. PATENT DOCUMENTS EXAMINER INITIAL DOC. FILING DATE DOCUMENT NUMBER CLASS SUB-CLASS DATE NAME REF. 12/1988 **AA65** 4,789,837 Ridgers C.C. **AB65** 5,634,207 05/1997 Yamaji et al. AC65 5.642.071 06/1997 Sevenhans et al. C. C. 04/2001 **AD65** 6,211;718 B1 Souetinov CC. 04/2001 **AE65** 6,212,369 B1 Avasarala CC AF65 6,308,058 B1 10/2001 Souetinov et al. C.C. 10/2003 **AG65** 6,633,194 B2 Amborg et al. C.C. 2001/0036818 A1 11/2001 Dobrovolny **AH65** C.C. A165 6,873,836 B1 03/2005 Sorrells et al. C.C. **FOREIGN PATENT DOCUMENTS** EXAMINER DOC. DOCUMENT NUMBER DATE COUNTRY CLASS SUB-CLASS TRANSLATION INITIAL REF. Yes AJ .No Yes ΑK No Yes AL No Yes AM No OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER DOC. CITATION INITIAL REF ΑŅ AO AP AQ AR **EXAMINER** DATE CONSIDERED . EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

and not considered. Include copy of this form with next communication to Applicant.



In re application of:

Confirmation No.: 7306

SORRELLS et al.

Art Unit: 2685

Appl. No.: 09/476,093

Examiner: Chow, Charles Chiang

Filed: January 3, 2000

Atty. Docket: 1744.0260001

For:

Aliasing Communication System and Method with Multi-Mode and Multi-Band Functionality and Embodiments Thereof, Such as the Family Radio Service (as

amended)

Sixth Supplemental Information Disclosure Statement

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. The numbering on this Sixth Supplemental Information Disclosure Statement is a continuation of the numbering in Applicants' Fifth Supplemental Information Disclosure Statement filed on November 16, 2004 in connection with the above-captioned application.

Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may

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not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

Applicants provide the following comments regarding the documents:

Documents AF63, AC64, AI64, and AI65 are co-owned patents which are directed to related subject matter.

Documents AF63 and AA65-AH65 were cited in an Office Action in related U.S. Patent Application No. 09/855,851, filed May 16, 2001, entitled "Apparatus, System, and Method for Down-Converting and Up-Converting Electromagnetic Signals," directed to related subject matter. Also cited in said Office Action were U.S. Patent Nos. 5,465,415, 6,049,706, 6,061,551, 6,580,902, and 6,687,493, all of which have already been cited in the present application.

Documents AG63 and AH63 were cited in an Office Action in related U.S. Patent Application No. 10/289,377, filed November 7, 2002, entitled "Method and Apparatus for Reducing DC Offsets in a Communication System," directed to related subject matter.

Document AI63 was cited in a Notice of Allowance in related U.S. Patent Application No. 10/197,441, filed July 18, 2002, entitled "Method and System for Frequency Up-Conversation With a Variety of Transmitter Configurations," directed to related subject matter.

Document AA64 was cited in an Office Action in related U.S. Patent Application No. 10/086,250, filed March 4, 2002, entitled "Applications of Universal Frequency Translation," directed to related subject matter.

Document AB64 was cited in an Office Action in related U.S. Patent Application No. 09/590,955, filed June 9, 2000, entitled "Phase Shifting Applications of Universal Frequency Translation," directed to related subject matter. Also cited in said Office Action was U.S. Patent No. 5,982,315, which has already been cited in the present application.

Document AD64 was cited in an Office Action in related U.S. Patent Application No. 09/569,045, filed May 10, 2000, entitled "Method and Apparatuses Relating to a Universal Platform Module and Enabled by Universal Frequency Translation Technology," directed to related subject matter.

Documents AE64-AH64 were cited in a Notice of Allowance in related U.S. Patent Application No. 09/770,675, filed January 29, 2001, entitled "Wireless and Wired Cable Modern Applications of Universal Frequency Translation Technology," directed to related subject matter.

This statement should not be construed as a representation that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

Applicants have checked the appropriate boxes below.

☐ 1. Statement under 37 C.F.R. 1.704(d). Each item of information contained in this
Information Disclosure Statement was cited in a communication from a foreign
patent office in a counterpart application and this communication was not
received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty
days prior to the filing of this information disclosure statement.

- 2. Filing under 37 C.F.R. § 1.97(b). This Information Disclosure Statement is being filed within three months of the date of filing of a national application other than a continued prosecution application (CPA), OR within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application, OR before the mailing date of a first Office Action on the merits OR before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No statement or fee is required.
- - a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).
 - b. Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable

inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).

- C. Attached is our PTO-2038 Credit Card Payment Form in the amount of \$180.00 in payment of the fee under 37 C.F.R. § 1.17(p).
- 4. Filing under 37 C.F.R. § 1.97(d) This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Enclosed find our PTO-2038 Credit Card Payment Form in the amount of \$_____ in payment of the fee under 37 C.F.R. § 1.17(p); in addition:
 - a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).
 - b. Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § Atty. Docket: 1744.0260001

1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).

<u> </u>	The document(s) was/were cited in a search report by a foreign patent office in a
	counterpart foreign application. Submission of an English language version of
	the search report that indicates the degree of relevance found by the foreign office
	is provided in satisfaction of the requirement for a concise explanation of
	relevance. 1138 OG 37, 38.
□ 6.	A concise explanation of the relevance of the non-English language document(s) appears below in accordance with 37 C.F.R. § 1.98(a)(3).
⊠ 7.	In accordance with 37 C.F.R. § 1.98(a)(2), no copies of U.S. patents and patent
	application publications cited on the attached Form PTO-1449 are submitted.
□ 8.	Copies of the documents were cited by or submitted to the Office in an IDS that
	complies with 37 C.F.R. § 1.98(a)-(c) in Application No, filed
	, which is relied upon for an earlier filing date under 35 U.S.C.
	§ 120. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d).
] 9.	It is expected that the examiner will review the prosecution and cited art in the
	parent application no(s) in accordance with MPEP 2001.06(b), and
	indicate in the next communication from the office that the art cited in the earlier
	prosecution history has been reviewed in connection with the present application.

It is respectfully requested that the Examiner initial and return a copy of the enclosed Form PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STARNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Patrick E. Garrett

Attorney for Applicants Registration No. 39,987

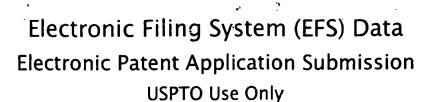
Date:

4/18/05

1100 New York Avenue, N.W. Washington, D.C. 20005-3934 (202) 371-2600

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EFS ID:

64040

Application ID:

09476093

Communication System Method

with Multi-Mode and Multi-Band

Title of Invention:

Functionality and Embodiments

Thereof, Such as the Family

Radio Service

First Named Inventor:

David SORRELLS

JUL 0 9 2004
Technology Center 2600

RECEIVE

Domestic/Foreign Application:

Domestic Application

Filing Date:

2000-01-03

Effective Receipt Date:

2004-07-06

Submission Type:

Information Disclosure

Statement

Filing Type:

Confirmation number:

7306

Attorney Docket Number:

1744.0260001

Total Fees Authorized:

180.0

Payment Category:

Credit Card

Credit Card Number:

********1005

Expiration Date:

08312005

Card Holder Name:

SKGF PLLC

Postal Code:

20005

RAM Payment Status:

RAM success

RAM User ID:

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RAM Accounting Date:

2004-07-06

RAM Sequence Number:

1064599

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TRANSMITTAL

Electronic Version v1.1 Stylesheet Version v1.1.0

Title of Invention

Communication System Method with Multi-Mode and Multi-Band Functionality and Embodiments Thereof, Such as the Family Radio Service

Application Number:

09/476093

Date:

2000-01-03

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First Named Applicant:

David F. SORRELLS

JUL 0 9 2004

Confirmation Number:

7306

Technology Center 2600

Attorney Docket Number: 1744.0260001

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I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Submitted by:	Elec. Sign.	Sign. Capacity
Jeffrey S. Weaver Registered Number: 45608	/JSW/	Attorney

Documents being submitted Files

us-fee-sheet

 $1744.0260001_Fifth_Supplemental_IDS\text{-}usfees.xml$

us-fee-sheet.xsl us-fee-sheet.dtd

us-ids

1744.0260001_Fifth_Supplemental_IDS-usidst.xml

us-ids.dtd us-ids.xsl

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Comments				



FEE TRANSMITTAL

Electronic Version v08 Stylesheet Version v08.0

> Title of Invention

Communication System Method with Multi-Mode and Multi-Band Functionality and Embodiments Thereof, Such as the Family Radio Service

Application Number:

First Named Applicant:

09/476093

Date:

2000-01-03

David F. SORRELLS

Attorney Docket Number: 1744.0260001

JUL 0 9 2004

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Art Unit:

2685

Technology Center 2600

Examiner:

Charles ChiangChow

TOTAL FEE AUTHORIZED \$180

Patent fees are subject to annual revisions on or about October 1st of each year.

BASIC FILING FEE

Fee Description	Fee Code	Amount \$	Fee Paid \$
Submission Of Information Disclosure Stmt Fee	1806	180	180

AUTHORIZED BILLING INFORMATION

The commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Credit account number:

1005

Expiration Date (YYYYMMDD): 2005-08-31

Authorized name:

SKGF PLLC

Billing address:

20005



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18 Stylesheet Version v18.0

> Title of Invention

Communication System Method with Multi-Mode and Multi-Band Functionality and Embodiments Thereof, Such as the Family Radio Service

Application Number:

09/476093

Confirmation Number:

7306

First Named Applicant:

David SORRELLS

Attorney Docket Number: 1744.0260001

Art Unit:

2685

Examiner:

Charles Chiang Chow

Search string:

(5678226 or 5760632 or 6160280 or 5481570

or 5745846).pn.

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JUL 0 9 2004

Technology Center 2600

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
(()	1	5678226	1997-10-14	Li et al.			
2,2	2	5760632	1998-06-02	Kawakami et al.] —		
٧٤)	3	6160280	1999-12-12	Bonn et al.] ~		
CC.		5481570	1996-01-02	Winters] —		
C.2	5	5745846	1998-04-28	Myer et al.] ~		

Remarks

Note: Remarks are not for responding to an office action.

Cite Nos. 1-3 were cited in an Office Action in related U.S. Patent Application No. 09/550,642, filed April 14, 2000, entitled, "Method and System for Down-Converting an Electromagnetic Signal, and Transforms for Same," directed to related subject matter. Cite Nos. 4 and 5 were cited in an Office Action in related U.S. Patent Application No. 10/317,165, filed December 12, 2002, entitled, "Method and Apparatus for Reducing DC Offsets in Communication Systems Using Universal Frequency Translation Technology," directed to related subject matter.

Signature That the	· .	
Examiner Name	Date	
CHARLES CHOW	19/21/05	
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JUL 0 9 2004

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